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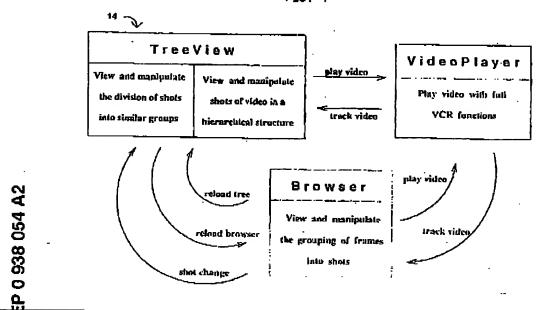
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- (54)A system for interactive organization and browsing of video
- (57)A system for interactively organizing and browsing video automatically processes video, creating a video table of contents (VTOC), while providing easyto-use interfaces for verification, correction, and augmentation of the automatically extracted video structure. Shot detection, shot grouping and VTOC generation are automátically determined without making restrictive as-

sumptions about the structure or content of the video. A nonstationary time series model of difference metrics is used for shot boundary detection. Color and edge simllarities are used for shot grouping. Observations about the structure of a wide class of videos are used for the generating the table of contents. The use of automatic processing in conjunction with input from the user provides a meeningful video organization.

FIG. 4



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